

03050110-070
(Congaree River)

General Description

Watershed 03050110-070 is located in Richland and Calhoun Counties and consists primarily of the *Congaree River* and its tributaries from Toms Creek to its confluence with the Wateree River Basin. The watershed occupies 36,636 acres of the Upper Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Marlboro-Chastain-Faceville-Tawcaw-Norfolk series. The erodibility of the soil (K) averages 0.20; the slope of the terrain averages 3%, with a range of 0-6%. Land use/land cover in the watershed includes: 0.07% urban land, 13.64% agricultural land, 6.38% scrub/shrub land, 0.25% barren land, 59.75% forested land, 17.01% forested wetland (swamp), 0.11% nonforested wetland (marsh), and 2.79% water.

This section of the Congaree River incorporates a total of 69.0 stream miles, all classified FW. Griffins Creek drains into Running Lake, which in turn flows through Little Lake, Big Lake, and into Running Creek. Running Creek drains into Singleton Creek, which flows through Bates Old River to reach the Congaree River. Buckhead Creek (True Blue Creek) enters the river further downstream. A small portion of the Congaree River Swamp National Monument is located near the top of the watershed, where the Toms Creek watershed (03050110-060) enters. There are several small lakes in this watershed used for recreational purposes. As a reach of the Congaree River, this watershed accepts the drainage of all streams entering the river upstream of the watershed.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
C-007	P	FW	CONGAREE RIVER AT US 601

Congaree River (C-007) - This stream was Class B until April, 1992. Aquatic life uses are fully supported, but there is a significant increasing trend in turbidity and a very high concentration of chromium measured in 1995. Significant decreasing trends in five-day biochemical oxygen demand and total phosphorus concentrations suggest improving conditions for these parameters. Recreational uses are fully supported and a significant decreasing trend in fecal coliform bacteria concentration suggests improving conditions for this parameter.

Permitted Activities

Point Source Contributions

<i>RECEIVING STREAM</i>	<i>NPDES#</i>
<i>FACILITY NAME</i>	<i>TYPE</i>
<i>PERMITTED FLOW @ PIPE (MGD)</i>	<i>LIMITATION</i>
<i>COMMENT</i>	
GRIFFINS CREEK	SC0038237
TOWN OF EASTOVER/PLT#1	MINOR MUNICIPAL
PIPE #: 001 FLOW: 0.025	WATER QUALITY
WQL FOR NH3-N, DO, TRC, BOD5	
GRIFFINS CREEK	SC0041432
TOWN OF EASTOVER/PLT#2	MINOR MUNICIPAL
PIPE #: 001 FLOW: 0.1	WATER QUALITY
WQL FOR NH3-N, DO, TRC, BOD5	

Landfill Activities***SOLID WASTE LANDFILL NAME
FACILITY TYPE******PERMIT #
STATUS*****CALHOUN COUNTY
MUNICIPAL****DWP-045
CLOSED****Growth Potential**

There is a low potential for growth in this rural watershed. The construction of the Eastover/Richland County Regional WWTP on the Wateree River southeast of the Town of Eastover will provide some growth, including industrial, to the area.